

CEUTORHYNCHUS GERMAR, 1824, AND *RHINONCUS* SCHONHERR, 1826 (INSECTA, COLEOPTERA): PROPOSED CONSERVATION AND DESIGNATION OF TYPE SPECIES BY USE OF THE PLENARY POWERS. Z.N.(S.) 2219

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In this application it is proposed that the current usage of the generic name *Ceutorhynchus* Germar, 1824, and *Rhinoncus* Schönherr, 1826, in the CURCULIONIDAE, should be maintained by setting aside the earliest type-species designations of each of them and by suppressing two earlier unused senior synonyms, *Falciger* Dejean, 1821, and *Campylirhynchus* Dejean, 1821.

2. *Ceutorhynchus* Germar, 1824: 214, was established for 50 species including *Curculio assimilis* Paykull, 1792: 69, and *Curculio quercus* Fabricius, 1787: 102. The type species, designated by Schönherr, 1826: 22, is *Curculio quercus* Fabricius, 1787, a junior homonym (of *Curculio quercus* Linnaeus, 1758) replaced by *Curculio dryados* Gmelin, 1790: 1748. Schönherr, 1837: 282, established a new genus *Coeliodes* with *quercus* Fabricius as type species, and used *Ceutorhynchus* for *assimilis* Paykull. Westwood, 1838: 38, designated *Rhynchaenus asperifoliarum* Gyllenhal as type species of *Ceutorhynchus*, but that species was not originally included. Thomson, 1859: 140, designated *assimilis* as type species of *Ceutorhynchus*.

3. *Mononychus* Germar, 1824: 241, was established for *Curculio pseudacori* Fabricius, 1792: 408, and a new species *Mononychus salviae*. The type species, designated by Schönherr, 1826: 22, is *Curculio pseudacori* Fabricius, 1792. Both *C. pseudacori* and *M. salviae* have been synonymized with *Curculio punctumalbum* Herbst in Fuessly, 1784: 74.

4. *Rhinoncus* Schönherr, 1826: 299, was established as a subgenus ('Stirps') of *Ceutorhynchus* for 9 species including *Curculio quadrituberculatus* Fabricius, 1787: 100, *Curculio pericarpinus* Linnaeus, 1758: 380, and *Curculio castor* Fabricius, 1792: 408. The type species, by original designation, is *C. quadrituberculatus* Fabricius. Schönherr, 1837: 282, treated *Rhinoncus* as a genus which included among others *pericarpinus* and *castor*. Westwood, 1838: 38, designated *pericarpinus* as type species, and Thomson, 1859: 139, designated *castor*.

5. *Phytobius* Dejean, 1835: 282, was established for 11 species including *Curculio quadrituberculatus* Fabricius, but no

type species was designated. Schönherr, 1836: 458, gave a description of the genus and also included *quadrituberculatus*. There was, however, no fixation of type species until Thomson, 1859: 138, designated *quadrituberculatus*.

6. *Coeliodes* Schönherr, 1837: 282, was established having *Curculio quercus* Fabricius as type species by original designation.

7. *Falciger* Dejean, 1821: 84, was established for *Curculio assimilis* Paykull and 46 other species which nowadays are placed in various genera including *Mononychus* Germar, 1824; *Coeliodes* Schönherr, 1837; *Ceutorhynchus* Germar, 1824; *Poophagus* Schönherr, 1837; and others. *Falciger* has not been used subsequently and no type species has been designated. In order to fix this genus I here designate *Curculio assimilis* Paykull as the type species.

8. *Campylirhynchus* Dejean, 1821: 84, was established for *Curculio pericarpinus* Linnaeus and six other species which nowadays are placed in *Rhinoncus* Schönherr, 1826, and *Phytobius* Dejean, 1835. *Campylirhynchus* has not been used subsequently and no type species has been designated. In order to fix this genus I here designate *Curculio pericarpinus* Linnaeus, 1758: 380, as its type species.

9. The interpretation of *Ceutorhynchus* and *Rhinoncus* by Schönherr, 1837 is incorrect according to the rules of the Code, but it was accepted and has been in current use ever since, for example Dalla Torre & Hustache, 1930; Porta, 1932; Wagner, 1938; Hoffmann, 1950; Horion, 1951; Lindroth, 1960; Arnoldi, Zaslavsky & Ter-Minasian, 1965; Hansen, 1965; Dieckmann, 1972; and Smreczyński, 1974. If the rules are strictly adhered to, the genus *Coeliodes* will be known as *Ceutorhynchus*, and *Phytobius* will be *Rhinoncus*. *Falciger* could then, with suitable type designation, be resurrected for *Ceutorhynchus* sensu auctorum, and similarly *Campylirhynchus* for *Rhinoncus* sensu auctorum. But such a procedure is not in the interest of stability. It is preferable to set aside Schönherr's original designations for *Ceutorhynchus* and *Rhinoncus*, and suppress the two Dejean names as unused senior synonyms. In that way current use can be preserved.

10. The International Commission on Zoological Nomenclature is therefore requested:

(1) to use its plenary powers:

- (a) to set aside all fixations of type species for *Ceutorhynchus* Germar, 1824, made prior to that of Thomson, 1859: 140, thereby validating the designation by Thomson of *Curculio assimilis* Paykull, 1792, as type species of that genus;
- (b) to set aside all fixations of type species for *Rhinoncus* Schönherr, 1826, made prior to that of

Westwood, 1838: 38, thereby validating the designation by Westwood of *Curculio pericarpinus* Linnaeus, 1758, as type species of that genus;

- (c) to suppress *Falciger* Dejean, 1821 (a senior objective synonym of *Ceutorhynchus* Germar, 1824) for the purposes of the Law of Priority but not for those of the Law of Homonymy;
- (d) to suppress *Campylirhynchus* Dejean, 1821 (a senior objective synonym of *Rhinoncus* Schönherr, 1826) for the purposes of the Law of Priority but not for those of the Law of Homonymy;

(2) to place on the Official List of Generic Names in Zoology:

- (a) *Ceutorhynchus* Germar, 1824 (gender: masculine), type species by subsequent designation by Thomson, 1859, and validated by use of the plenary powers in (1) (a) above, *Curculio assimilis* Paykull, 1792;
- (b) *Rhinoncus* Schönherr, 1826 (gender: masculine), type species by subsequent designation by Westwood, 1838, and validated by use of the plenary powers in (1) (b) above, *Curculio pericarpinus* Linnaeus, 1758;
- (c) *Mononychus* Germar, 1824 (gender: masculine), type species by subsequent designation by Schönherr, 1826, *Curculio pseudacori* Fabricius, 1792 (a junior subjective synonym of *Curculio punctumalbum* Herbst, 1784);
- (d) *Phytobius* Dejean, 1835 (gender: masculine), type species by subsequent designation by Thomson, 1859, *Curculio quadrituberculatus* Fabricius, 1787;
- (e) *Coeliodes* Schönherr, 1837 (gender: masculine), type species by original designation, *Curculio quercus* Fabricius, 1787 (a junior primary homonym replaced by *Curculio dryados* Gmelin, 1790);

(3) to place on the Official List of Specific Names in Zoology:

- (a) *assimilis* Paykull, 1792, as published in the binomen *Curculio assimilis* (specific name of the type species of *Ceutorhynchus* Germar, 1824);
- (b) *pericarpinus* Linnaeus, 1758, as published in the binomen *Curculio pericarpinus* (specific name of the type species of *Rhinoncus* Schönherr, 1826);

- (c) *punctumalbum* Herbst, 1784, as published in the binomen *Curculio punctumalbum* (senior subjective synonym of *Curculio pseudacori* Fabricius, 1792, the type species of *Mononychus* Germar, 1824);
 - (d) *quadrituberculatus* Fabricius, 1787, as published in the binomen *Curculio quadrituberculatus* (specific name of the type species of *Phytobius* Dejean, 1835);
 - (e) *dryados* Gmelin, 1790, as published in the binomen *Curculio dryados*, the oldest available synonym of *Curculio quercus* Fabricius, 1787, rejected because of primary homonymy (specific name of the type species of *Coeliodes* Schönherr, 1837);
- (4) to place on the Official Index of Rejected and Invalid Generic Names in Zoology:
- (a) *Falciger* Dejean, 1821, as suppressed by the use of plenary powers in (1) (c) above;
 - (b) *Campylirhynchus* Dejean, 1821, as suppressed by the use of the plenary powers in (1) (d) above.

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